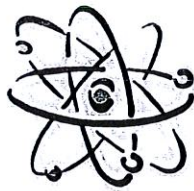


BrainPOP Atoms Quiz



1. What do we call the smallest unit of an element?

- A. An atom
- B. A molecule
- C. A neutron

2. What are electrons?

- A. Positively charged particles that surround the nucleus of an atom
- B. One of the particles making up the nucleus of an atom
- C. Tiny subatomic particles that swarm around the atom's nucleus

3. What does subatomic mean?

- A. Larger than an atom
- B. Smaller than an atom
- C. Exactly the same size as an atom

4. What kind of electrical charge do electrons have?

- A. None
- B. Positive
- C. Negative

5. What kind of electrical charge do neutrons have?

- A. None
- B. Positive
- C. Negative

10. Where can you find the electrons in an atom?

- A. In the nucleus
- B. Swarming around the nucleus in distinct orbits called shells
- C. Scientists have not yet discovered where to find electrons

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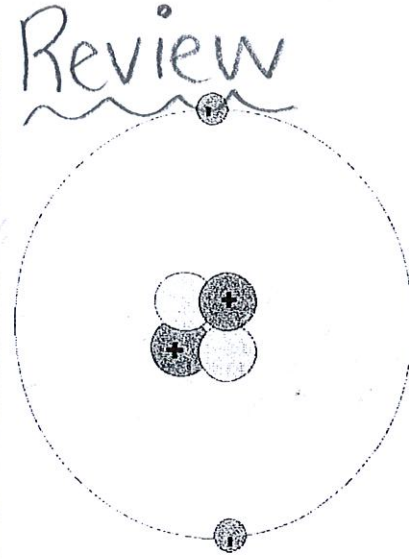
ATOMIC MATH REVIEW

The Rules:

- Atomic Number = the number of _____ or _____
- Atomic Mass = the number of _____ + _____
- Number of _____ = atomic mass - number of protons

Element	Atomic #	Atomic Mass	Protons	Neutrons	Electrons
Hydrogen			1		
	9				
		23			11
Chlorine					
		56	26		
					47
		195			
Radon					
	90				
Darmstadtium		281			

Label the parts of the atom:



BOHR MODELS

Name _____

Draw Bohr models of the following atoms. List protons & electrons & neutron number

